

# (12) UK Patent Application (19) GB (11) 2 258 134 A (13)

(43) Date of A publication 03.02.1993

(21) Application No 9116296.6

(22) Date of filing 29.07.1991

(71) Applicant  
Flexico Company Limited  
(Incorporated in Hong Kong)

10/F Unit A Leroy Industrial Building,  
15 Cheung Shun Street, Cheung Sha Wan,  
Kowloon, Hong Kong

(72) Inventor  
Samson Yiu-Ming Ng

(74) Agent and/or Address for Service  
D Young & Co  
10 Staple Inn, London, WC1V 7RD,  
United Kingdom

(51) INT CL<sup>5</sup>  
A44C 5/14

(52) UK CL (Edition L)  
A3H H31A

(56) Documents cited  
GB 2241868 A GB 2219188 A GB 2213612 A  
GB 0311956 A DE 003512369 A FR 002583897 A  
US 4862435 A

(58) Field of search  
UK CL (Edition K) A3H H31A  
INT CL<sup>5</sup> A44C 5/14  
Online databases: WPI

## (54) Wrist watch and strap

(57) A wrist watch (1) is provided with a strap or bracelet (2a, 2b) the faces of which have a mutually different appearance, and the strap or bracelet is reversible relative to the wrist watch so that alternatively one face or the other may be displayed. Pivot links (5a, 5b) allow the strap to be rotated relative the watch and clasp (3a).

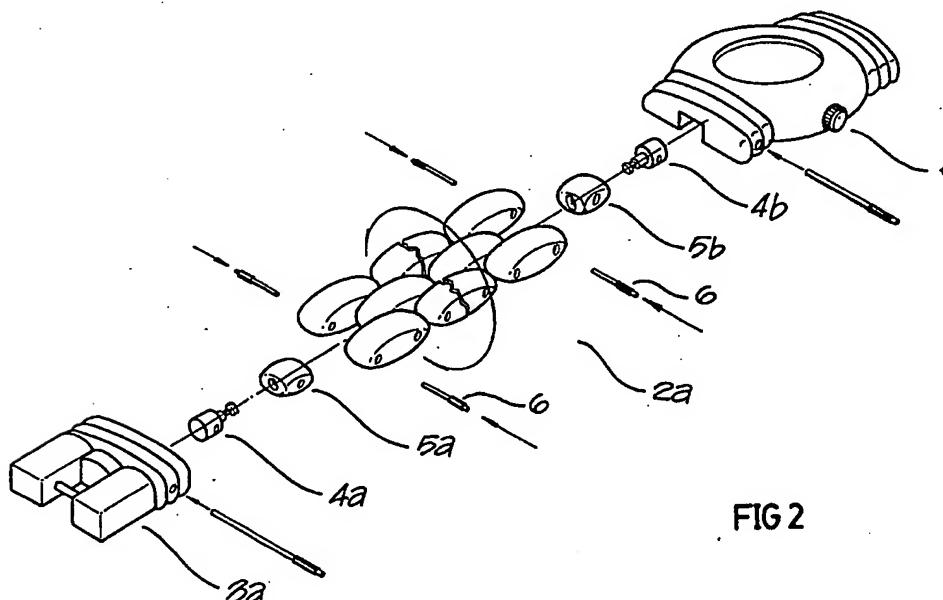


FIG 2

At least one drawing originally filed was informal and the print reproduced here is taken from a later filed formal copy.

This print takes account of replacement documents submitted after the date of filing to enable the application to comply with the formal requirements of the Patents Rules 1990.

GB 2 258 134 A

1/2

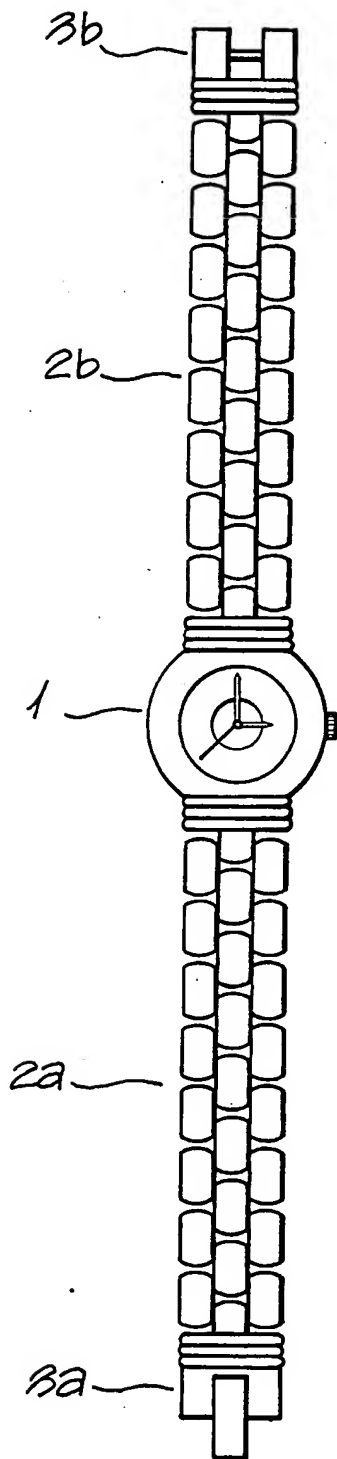


FIG 1A

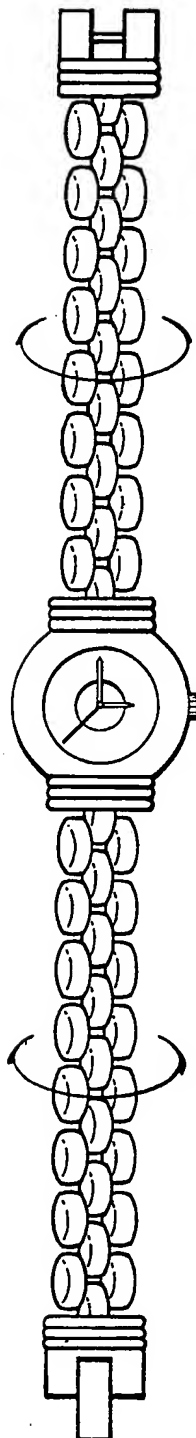


FIG 1B

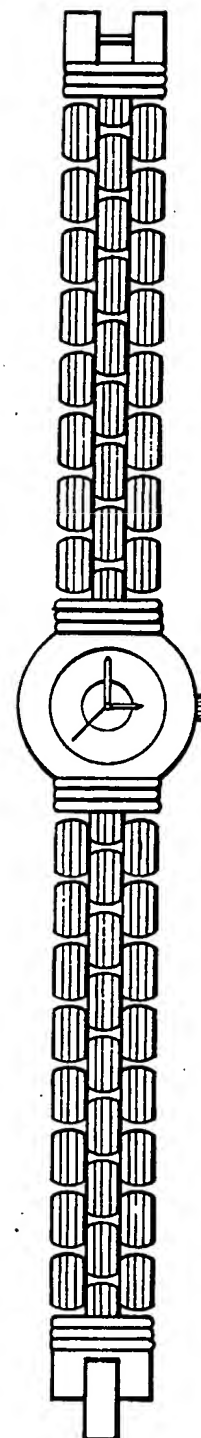


FIG 1C

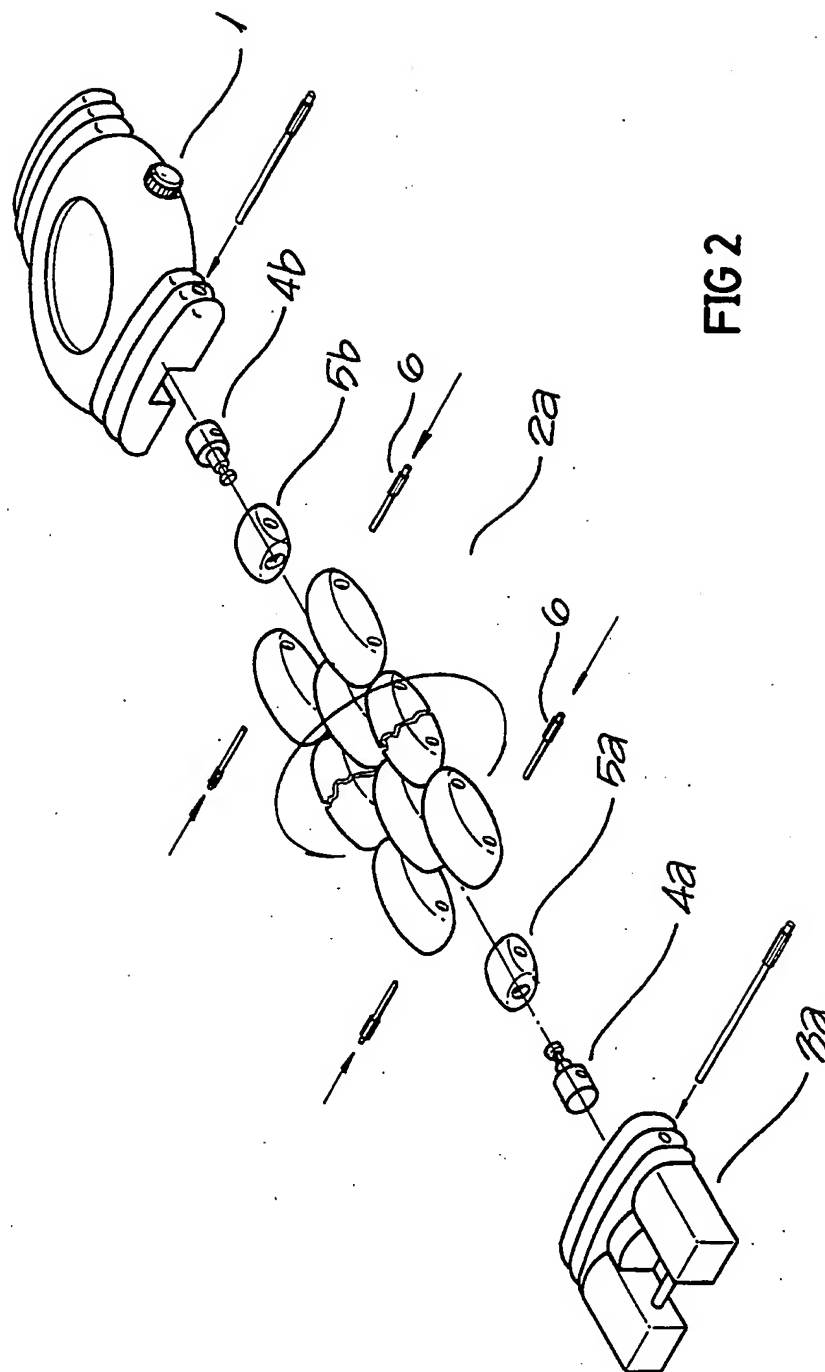


FIG 2

WRIST WATCH AND WRIST WATCH STRAP OR BRACELET

The present invention relates to wrist watches and to wrist watch straps or bracelets.

Fashion conscious persons who like to wear matching accessories with their outfits face a particular difficulty in relation to wrist watches and wrist watch straps and bracelets. Purchase of a selection of different wrist watches and straps or bracelets with different ornamentation is expensive. Changing the straps or bracelets to match different outfits is time consuming and awkward. As a result the user is often confined to the use of just one wrist watch and strap or bracelet.

The present invention provides a wrist watch and strap or bracelet in which the two faces of the strap or bracelet have a mutually different appearance, and the strap is reversible so that alternatively one face or the other may be displayed.

A wrist watch and strap or bracelet in accordance with the invention allows the user to change the appearance. For example, a metal bracelet may have one side gold coloured and the other side silver coloured. A leather or imitation leather strap may have one side black in colour and the other side brown in colour.

The invention will now be described more particularly by way of example with reference to the accompanying drawings which show, by way of example only, one arrangement of wrist watch and bracelet according to the invention. In the drawings:-

Figures 1A, 1B and 1C are plan views of the arrangement showing the bracelet before rotation, during rotation, and after rotation respectively; and

Figure 2 is an exploded perspective view on a larger scale of a part of the wrist watch and bracelet arrangement, illustrating the rotational mechanism.

Referring to the drawings, the arrangement comprises a wrist watch 1, a metal bracelet 2a, 2b and a clasp 3a, 3b. Referring to Figure 1B, the bracelet 2a, 2b may be rotated relative to the watch 1 and the clasp 3a, 3b. Figure 1C shows

the bracelet 2a, 2b after rotation so that the other face which has a different appearance is presented.

Referring to the Figure 2, the mechanism for allowing rotation comprises anchor links 4a, 4b for attaching to the clasp 3a and the watch 1 respectively, pivot links 5a and 5b connected to the anchor links 4a and 4b respectively, and pins 6 connecting the pivot links 5a and 5b to the remainder of the bracelet 2a.

CLAIMS

1. A wrist watch strap or bracelet in which the two faces of the strap or bracelet have a mutually different appearance, and the strap or bracelet is reversible relative to the wrist watch so that alternatively one face or the other of the strap or bracelet may be displayed.
2. A wrist watch and strap or bracelet according to claim 1, in which the watch and strap or bracelet are connected to one another by pivot joints which allow the strap or bracelet to be rotated relative to the watch.
3. A wrist watch strap or bracelet generally as herein described, with reference to or as illustrated in the accompanying drawings.
4. Any novel combination or sub-combination disclosed and/or illustrated herein.

- 4 -

**Patents Act 1977**  
**Examiner's report to the Comptroller under**  
**Section 17 (The Search Report)**

Application number

9116296.6

**Relevant Technical fields**

(i) UK CI (Edition K ) A3H: H31A

(ii) Int CI (Edition 5 ) A44C 5/14

Search Examiner

MISS D DAVIES

**Databases (see over)**

(i) UK Patent Office

(ii) ONLINE DATABASES: WPI

Date of Search

5 AUGUST 1992

Documents considered relevant following a search in respect of claims

1-3

Category (see over)	Identity of document and relevant passages	Relevant to claim(s)
X	GB 2241868 A (R J HUDSON) Posts (9) allow watch to swivel relative to strap (4).	1-3
X	GB 2219188 A (DALLYWIN WATCH PRODUCTS) Swivel connectors (18) between watch and strap	1-3
X	GB 2213612 A (GROUP LOTUS PLC) Ball-heads (4, 5) in sockets (6, 7) attaching watch to strap	1-3
X	GB 0311956 A (C A SCHIERWATER) Strap pivoted to pins (4) in watch casing	1-3
X	US 4862435 A (TIMEX CORPORATION) Swivel connectors shown in Figures 3 and 6	1-3
X	FR 2583897 A (C MARONI) Ball and socket joints (15, 17 and 16, 18) connecting bracket and casing	1-3
X	DE 3512369 A (M EISEMANN) Pivot pin (14) for attaching strap to buckle	1-3

SF2(p)

HD - doc99\fil000106

Category	Identity of document and relevant passages	Relevance to claim(s)

### Categories of documents

**X:** Document indicating lack of novelty or of inventive step.

**Y:** Document indicating lack of inventive step if combined with one or more other documents of the same category.

**A:** Document indicating technological background and/or state of the art.

**P:** Document published on or after the declared priority date but before the filing date of the present application.

**E:** Patent document published on or after, but with priority date earlier than, the filing date of the present application.

**&:** Member of the same patent family, corresponding document.

**Databases:** The UK Patent Office database comprises classified collections of GB, EP, WO and US patent specifications as outlined periodically in the Official Journal (Patents). The on-line databases considered for search are also listed periodically in the Official Journal (Patents).